ABSTRACT

Rather than attaching a preamble to a data payload and transmitting both on a traffic channel, multiple preamble channels are generated so that preambles are transmitted on the multiple preamble channels and data payload is transmitted on the traffic channel. Redundant subpackets carry data payload on a traffic channel, a preamble sequence is generated and is carried on a separate preamble channel, and a preamble information value is generated and is carried on another preamble channel.